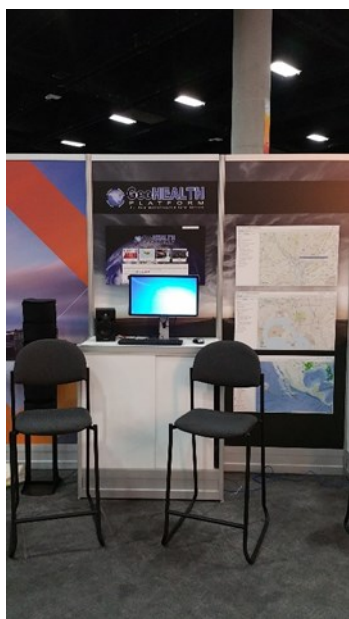




2015 ESRI International User Conference

Philip Quach GISP

Department of Health & Human Services



This year I got to experience the 2015 ESRI International User Conference at the San Diego Convention Center. There were many sessions, lots of vendors and booths, and close to 15,000 attendees to fill it all up. The main focus this year was to be an exhibitor representing the Department of Health and Human Services (HHS), Assistant Secretary of Preparedness and Response (ASPR), Division of Fusion's new product the GeoHealth Platform (GHP).

Being an ESRI enterprise customer, I was able to use a complimentary pass to enter the conference. A lot of preparation went into setting up the GHP booth. The GIS team put a lot of work into the stand up of ESRI's ArcGIS Portal setup, building content and marketing to Federal and State users. ESRI's Exhibit Team setup the booth at the Federal Government section displaying the GeoHealth Platform logo and samples on the side.

Within the first day, all the flyers that were printed out were taken and I was left with the business cards with our website on it. Many attendees that came up were curious about the functionality and the differences between GeoHealth and other ArcGIS platforms. Many of them were surprised to see all the Health Infrastructure spatially mapped and the hot Durable Medical Equipment layer.

There was one fire fighter that was wandering around and stumbled upon GeoHealth and asked me if I was able to pull up a fire that was occurring in Northern California. I was able to bring up and show him the Wind Speed, Fire perimeter, and other important facilities. Using the topo basemap, he was situationally aware and was impressed with the different layers I was able to pull up so quickly for him. Listening to really good plenary speakers was very inspiring and good to see the great products that people are creating with the ArcGIS platform. It was a busy 3 days between booth duty, attending workshops and networking with other Exhibitors. I'm grateful for attending, learned a lot and ready for next year.



INSIDE THIS ISSUE

- 1 2015 ESRI International Conf.
- 2 Data vs. Application Access
- 2 User Highlight
- 3 Facts about DME
- 4 User and Data Roles
- 4 New Data
- 4 Quarterly statistics on the GeoHEALTH Program



Data vs. Application Access for GeoHEALTH

Robert Shankman GISP

US Department of Health & Human Services

There are three types of access into GeoHealth.

- **Public Access**
 - Open data access is available for all who try to access GeoHealth (GeoHealth.hhs.gov). The data available with no account is data that is available to the public and has no use restrictions. This type of data is the most common in GeoHealth and allows many users from all levels of government and NGOs to access and use this data for their needs.
- **Restricted Data Access**
 - The second type of access is restricted data access. This type of access is required for those data sets that have limitations on access based on licensing or release restrictions. The only time you will need to use a data access username and password is when opening a web map or data that has a data use restriction. This is the most typical type of account that is created. This account does NOT give you access to “Sign-In” to the application and can only be used for accessing data.
- **Application Access**
 - The third type of account is application access. This account type is the most rare and is limited to those staff within HHS or others that require certain abilities that are only available with this account. The determination of this account type will be based on the information provided by the applicant and communication with the GeoHealth staff.

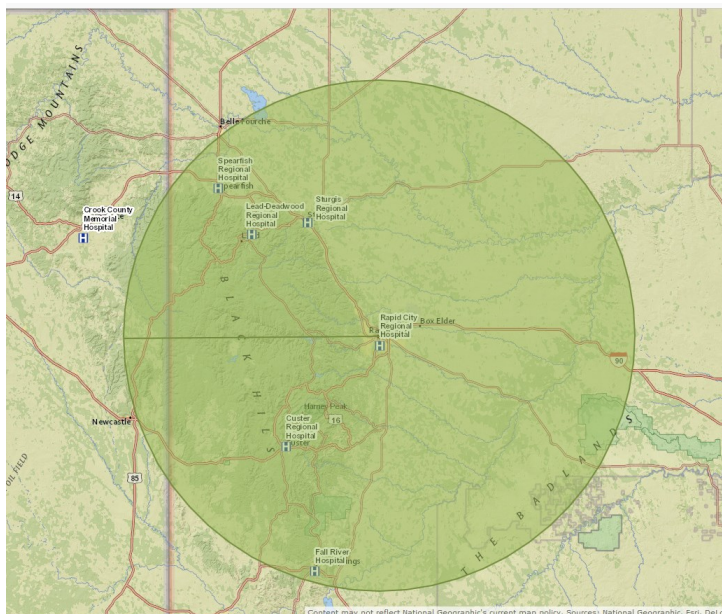
User Highlight—75th Anniversary Sturgis Motorcycle Rally

John Gibbons

Department of Health & Human Services

The 2015 - 75th Anniversary Sturgis Motorcycle Rally was a milestone for the Black Hills of South Dakota, over one million attendees visited the region during the weeklong rally. In anticipation of this landmark event and its impacts on the region, the Rally Planning Group was formed. This broad based planning group brought together a coalition of public health and medical, law enforcement, and emergency management partners. Our goals were to understand the bike rally's impact on the Black Hills public health and medical community, further develop resilience, and enhance the response capabilities of the regional healthcare systems.

GeoHEALTH proved to be a valuable tool in this process. The interactive, accessible and intuitive design proved to be selling points for the planning group. Mapping products provided accurate GIS situational awareness for first responders and medical personnel on the ground. GeoHEALTH provided flexible tools for contingency planning in the event of a large regional response. Overall, GeoHealth was an important tool to further our planning efforts and improve the preparedness, response, and surge capacity of public health and medical community.



Facts about the Durable Medical Equipment (DME) data

Jeff Marion GISP

Department of Health & Human Services

Where does it come from?

The de-identified (HIPAA masked) dataset includes at-risk Medicare beneficiaries from the Medicare Fee-For-Service (FFS/Parts A& B) and Medicare Advantage (CMS' HMO plans/Part C) Programs that rely upon the electricity-dependent durable medical equipment (DME) and healthcare services that include ESRD (Dialysis), oxygen tank services, and home health visits. The DME data is extracted from the database at CMS, de-identified to the state, county and zip code level and is updated on a monthly basis.

Where can I find DME data?

The publicly available DME data is located on the HHS emPOWER Map (<http://www.phe.gov/empowermap/>) and also the main page of the GeoHealth Platform (<http://geohealth.hhs.gov>) under a map titled "CMS - Electrically Dependent Durable Medical Equipment". The restricted DME data is available only to HHS staff on the GeoHealth Platform and requires a data access log-in to access the data.

What DME data layers are available?

There are two different sets of data layers available. One is publicly accessible and the other is HHS staff only.

The publicly available data includes:

- Electrically dependent persons
- Medicare beneficiaries

The HHS Staff have access to mapped DME data that includes:

- Electrically dependent persons
- Dialysis
- Oxygen Tanks
- Ventilators and Oxygen concentrators
- Mobility
- Home Health

The HHS Staff also have access to tabular data by opening up the DME data layer's table on the GeoHealth Platform. To access the table, simply add the DME data layer to a map. "Expand" the layer by clicking on it. Once state, county, and zip layers are seen, click on the downward facing arrow and click "Show Table".

For any HHS staff that do not have access to the restricted DME data layers, you can request an account here (<https://gis.medmap.hhs.gov/medmap/default.aspx>).



User and Data Roles: Geo-HEALTH

Robert Shankman GISP

US Department of Health & Human Services

The data access roles your account can be assigned are listed below:

- **CDC** – If there is any data available to only HHS and CDC staff this role allows you access.
- **CIP** – If there is any data available to only HHS and Critical Infrastructure Protection staff this role allows you access.
- **DHS** – If there is any data available to only HHS and DHS staff this role allows you access.
- **DoD** – If there is any data available to only HHS and DoD staff this role allows you access.
- **Exercise** – If there is any data available to only HHS and HHS training, exercise and lessons staff and training partners, this role allows you access.
- **FDA** – If there is any data available to only HHS and FDA staff this role allows you access.
- **Federal** – Data only available for federal users either by licensing or by FOUO.
- **HHS** – If there is any data available to only HHS staff this role allows you access.
- **HSIP** – This is the federal dataset of the Homeland Security Infrastructure Protection dataset from NGA.
- **Public** – Allows access to publicly available data that needs to be tracked.
- **Response** – Data that is used for response. This data set can change based on the data release statements by license or owner.
- **State** – If there is any data available to only HHS and your states supplied data this role allows you access.
- **VA** – If there is any data available to only HHS and Dept of Veteran Affairs staff this role allows you access.

CALENDAR OF EVENTS

See the new Calendar section of the GIS Portal:

<http://gis.medmap.hhs.gov/medmap/default.aspx>



New Data in last 30 days with Limitations

Robert Shankman GISP

US Department of Health & Human Services

- Digital Globe imagery
 - HHS users only—Licensing restrictions
- Social Vulnerability Index (SVI) (CDC)
 - Open to all users
- Indian Health Service (IHS)
 - Open to all users
- Warming Centers (FEMA)
 - Open to all users
- Coastal SLOSH (NHC)
 - Open to all users
- Power Outages (FEMA)
 - Open to all users
- Current Disaster Declarations (FEMA)
 - Open to all users
- Disaster Recovery Centers (FEMA)
 - Open to all users
- Cooling Centers (FEMA)
 - Open to all users
- SWEAT View (FEMA)
 - Open to all users
- Open Shelters (FEMA)
 - Open to all users
- Heat Warnings (NWS)
 - Open to all users
- 2015 HSIP Gold
 - Federal users only
- Broadcast Office Locations (FCC to HHS)
 - HHS users only

Quarterly Statistics: GeoHEALTH Program

- Items Created—175
 - 98 Maps
 - 72 Layers
 - 4 files
 - 1 app
- Top 3 contributors
 - GeoHEALTH—95
 - Mission Coordination—44
 - Regional Coordinators—13
- 85 Restricted Data users active in last 90 days
- 9 Restricted Data users active in last 30 days